

MiniDV Handycam® Camcorder

▲ Step-up Feature

◆ New Feature

Featuring 3 Chip CMOS Sensor Technology & a 2.7" Wide (16:9) Hybrid Touch Panel LCD Screen you will be assured you are capturing the most vivid color & detail you can. The DCR-PC1000 is supplied with a Handycam Station that allows you to share & transfer your memories easily & quickly as well as the ability to charge your battery all in one location.

▲ CMOS (Complimentary Metal Oxide Semiconductor) Sensor

3-1/6" CMOS sensors (gross) pixels provides stunning detail and clarity with exceptional video (up to 530 lines of horizontal resolution) and still image performance. Unlike traditional CCD Imagers CMOS Imagers require less power, providing better battery performance.

– MiniDV Recording

Offers up to 530 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video performance.

– 10X Optical/120X Digital Zoom

The optical zoom helps to bring the action close up from far away. In addition the Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.

– Professional Quality Carl Zeiss® Vario-Sonnar® T* Lens

Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.

– Progressive Shutter System

A mechanical shutter system that provides progressive scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.

– Analog To Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed through the digital Handycam Camcorder directly into a PC via the i.LINK interface in real-time for easy PC editing of your analog footage.

– SteadyShot® Picture Stabilization System

Picture stabilization system that uses motion sensors to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.

– 2.7" Wide Touch Panel SwivelScreen™ Hybrid LCD Display (123K Pixels)

Provides excellent viewing clarity with improved resolution. The 16:9 format high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback.

– Handycam Station

The supplied Handycam Station provides quick and easy connections to a TV for viewing or to a PC for editing and sharing video. Just placing the camcorder on the Handycam Station instantly makes the connections. No need to search for cables or wires when charging or playing back.

▲ Cinematic Mode

Perfect for creating your own movie masterpieces, the DCR-PC1000's Cinematic mode lends a 24 frame film-like effect to your recordings.

– i.LINK® DV Interface¹

A digital high-speed bi-directional interface which provides Audio/Video communication between two compatible devices. This connection allows for pure digital transfer between devices equipped with an IEEE1394 interface, such as camcorders, digital VTRs, capture cards and PCs.

– InfoLithium® Battery with AccuPower™ Meter System²

Charge the battery at anytime because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.

– Picture Package™ Software

Easily organize still images and video, and turn them into stunning music videos using the supplied software.

– 2.8 Megapixel Digital Still Memory Mode with Memory Stick Duo™ Media

Utilizing Pixel Offset Technology, you can capture still images at 1920 x 1440 resolution, directly onto Memory Stick Duo™ Media. These high-resolution images are perfect for printing.

– Built In Flash

For added clarity and detail when taking pictures in low-light situations, the built-in flash improves pictures, and reduces shadows.

▲ USB Video Class

Allows for fast transfer to a computer via USB 2.0 connection.

– Tele Macro Function

Useful for shooting close up shots, but without having the camcorder casting a shadow on the subject. Images shot in the Tele Macro Mode will have the subject properly focused with the background unfocused so that the subject stands out.

▲ Assignable Dial

Built into the lens body of the camera, the assignable dial can be used not only for focus or exposure, but may also be customized by the user to control AE Shift and playback volume.



worryfree digital video™

DCR-PC1000

MiniDV Handycam® Camcorder

specifications

SteadyShot® Image Stabilization: Yes, Super SteadyShot

Accessory Shoe: Yes, Active Interface

White Balance:

Auto/Outdoor/Indoor/One-push(Touch Panel, Dial)

NightShot® Infrared System: Color Slow Shutter

Memory Stick PRO™ Media Compatibility: Yes, Memory Stick PRO Duo™³ : Tested to support up to 1GB media capacity; does not support high speed transfer function; does not support Access Control security function.

USB Streaming: Yes

White Balance: Auto/Outdoor/Indoor/One-push (Touch Panel, Dial)

Interface: Interface Connector for Handycam Station: Yes

Viewfinder: Yes, Color (123K)

Imaging Device: 3 - 1/6" 790K Gross Pixel CMOS Sensor

Still Actual: 690K x 3 (4:3) (Utilizing Pixel Offset Technology)

LCD: 2.7" Wide (16:9) Color (123K)

USB Port(s): Yes, 2.0, Video Class (On Handycam Station)

Digital Audio Input(s): Yes

Digital Video Input(s): Yes

Digital Video Output(s): Yes (Special)

Digital Audio Output(s): Yes (Stereo, Special)

LANC Terminal: Yes (mini)

Headphone Output(s): N/A

Input(s): Microphone N/A

Minimum Illumination: 7 Lux

Lens Type: Carl Zeiss® Lens: Vario-Sonnar® T*¹:Yes

Zoom: 120X (Digital), 10X

Focus: Full Range Auto Focus (Touch Panel, Dial)

35mm Conversion: 41-480mm (4:3 Camera)

44-520mm (16:9 Camera)

40-400mm (4:3 Memory)

43.5-435mm(16:9 Memory)

Focal Distance: 2.77-27.7mm 500mm (Telemacro)

Aperture: 1.8-2.4

Shutter Speed: Auto, 1/2-1/500 (AE mode, Slow Shutter)

Exposure:Yes, Touch Panel (24 steps)

Power Consumption: 3.0W/3.4W/3.5W(VF/LCD/VF LCD)

Limited Warranty: 1 Year Parts; 90 Days Labor

Video Actual: 670K x 3 (4:3)

Filter Diameter: 30mm

Weight: 14 oz (397 g)

Dimensions (WHD): 2 1/8" x 4 3/5" x 4" (54 x 117 x 102mm)

Supplied Accessories: Power Adapter/
In-Camera Charger (AC-L200)

New InfoLithium® Rechargeable Battery (NP-FA50)

Handycam® Station (DRCA-C140)

Memory Stick Duo™ Media (MSH-M16)

Remote Commander® Remote Control (RMT-831)

Stereo AV Cable

USB Cable

Lens Cap

Shoulder Strap

CD-ROM with USB Driver (PicturePackage™ Software Ver. 1.5 for Sony)

UPC Code: 0272426700510

service and warranty

Limited Warranty: 1 Year Parts; 90 Days Labor

optional accessories

InfoLithium™ Batteries (NP-F50/NP-FA70)

Carrying Case (LCS-VA4)

Carrying Case (LCS-VA5)

Lightweight Tripod (VCT-R610)

Pocket Tripod (VCT-TK1)

worryfree^{digital}video™

Sony. Engineered to be effortless.

BATTERY LIFE⁴

Battery ⁴ (Fully charged)	Continuous Record Time VF/LCD/LCD Backlight Off/VF+LCD	Continuous Playback Time LCD On/Off
NP-FP50	90/80/85/70 min	45/40 min
NP-FP70	170/155/165/145 min	90/70 min



MEMORY MODE³

Still Pictures — Fine/Standard (Approx.)



Memory Stick Duo™ Media ³	1920x1440 3MP	1600x1200 2MP	640x480 VGA	Memory Stick PRO Duo™ Media ³	2016x1512 3MP	1600x1200 2MP	640x480 VGA
8MB	5/13	8/18	50/120	256MB	165/395	235/540	1400/3550
16MB	11/26	16/37	96/240	512MB	335/720	480/1100	2850/7200
32MB	22/54	32/75	190/485	1GB	680/1600	980/2250	5900/14500
64MB	45/105	65/150	390/980				
128MB	91/215	130/300	780/1970				



MPEG MOVIE EX MODE³

h=hours, m=minutes, s=second

Memory Stick Duo™ Media ³	Email Mode (160x112)	Presentation Mode (320x240)	Memory Stick PRO Duo™ Media ³	Email Mode (160x112)	Presentation Mode (320x240)
8MB	5m 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s	1GB	11h 22m 40s	2h 50m 40s
64MB	42m 40s	10m 40s			
128MB	1h 25m 20s	21m 20s			

1. i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.

2. Designed for use with compatible Sony InfoLithium® batteries.

3. Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460.

4. Battery life may vary depending upon usage patterns.

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